

January 31, 2005

Ms. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill – Bill Barrett Corporation

Prickly Pear Unit State #6-2-13-15, SESW, 619' FSL & 2173' FWL

Section 2, T13S-R15E, S.L.B.&M., Carbon County, Utah

Dear Ms. Whitney:

Bill Barrett Corporation (BBC) respectfully submits the enclosed original and one copy of the *Application for Permit to Drill (APD)* for the above referenced well.

BBC requests CONFIDENTIAL treatment of all information contained in and pertaining to this application. Thank you in advance for your timely consideration of this application. Please feel free to contact me at 303-312-8168 if you have any questions or need additional information.

Sincerely,

Staces Fallang
Tracey Rallang
Permit Analyst

RECEIVED

DIV. OF OIL, GAS & MINING

Enclosures

cc: Ed Bonner/SITLA

1099 18TH STREET SUITE 2300

DENVER, CO 80202

P 303.293.9100

F 303.291.0420

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

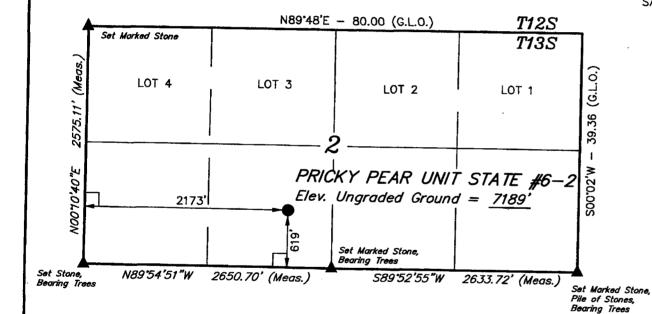
FORM 3		FORM	3
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001

AMENDED REPORT (highlight changes)

002									
								AL LEASE NO: 385	6. SURFACE: State
1A. TYPE OF WO	DRK: [ORILL 🚺 🛚 F	REENTER [DEEPEN			7. IF INDI.	AN, ALLOTTEE OR	TRIBE NAME:
B. TYPE OF WE	ELL: OIL	GAS 🗹 (OTHER	SIN	IGLE ZONE 🗹 MULTIPLE ZON	IE 🔲		CA AGREEMENT 1	HAME:
2. NAME OF OPE		DODATION		- , , - , - , - , - , - , - , - , - , -				NAME and NUMBER	•
3. ADDRESS OF		PORATION			PHONE NUMBER:			AND POOL, OR WI	State 6-2-13-1
		30(_{CITY} Denve	r _{STA}	TE CO ZIP 80	202 (303) 312-8168	_			werde Wild
	WELL (FOOTAG	•	5681147	x 3	9,717704		11. QTR/C	QTR, SECTION, TOV NAN:	√NSHIP, RAÑGE,
		2173' FWL	43965	18Y	110.205300		SESW	/ 2 135	3 15E
	PRODUCING ZO								
		ECTION FROM NEAR	EST TOWN OR PO	ST OFFICE:			12. COUN	i	13. STATE: UTAH
		Myton, Utah	NE (ECET)	16 NUMBER O	F ACRES IN LEASE:	1 47 N	Carbo	ON ACRES ASSIGNED	TO THIS WELL.
619 ¹	J NEAREST FRO	PERTI OR LEAGE LI	NE (FEET)	16. NOWBER O	313.52	17. N	UNDER OF	ACRES ASSIGNED	160
18. DISTANCE TO		L (DRILLING, COMPL	ETED, OR	19. PROPOSED		20. B	OND DESCR	RIPTION:	
APPLIED FOR 2582 '	R) ON THIS LEAS	E (FEET)			7,250	LF	PM 4138	3147	
21. ELEVATIONS	(SHOW WHETH	ER DF, RT, GR, ETC.	j:	22. APPROXIM	ATE DATE WORK WILL START:	23. E	STIMATED I	DURATION:	
7189' ung	raded grou	ınd		6/25/200	05	45	-60 day	'S	
24.		-	PROPOS	ED CASING A	ND CEMENTING PROGRAM				
SIZE OF HOLE	CASING SIZE,	GRADE, AND WEIGH	T PER FOOT	SETTING DEPTH	CEMENT TYPE, QUA	ANTITY,	YIELD, AND	SLURRY WEIGHT	
12 1/4"	9 5/8"	J or K 55	36#	1,000	Halco Lt Prem (Lead)	2	40 sx	1.85 ft3/sk	12.7 ppg
					Prem Cmt (Tail)	1	70 sx	1.16 ft3/sk	
7 7/8"	5 1/2"	N-80	17#	7,250	50/50 Poz	7	20 sx	1.49 ft3/sk	13.4 ppg
								REC	EIVED
								FEB	0 3 2005
25.				ATTA	CHMENTS			DIV OF OIL	<u> </u>
VERIFY THE FOL	LOWING ARE AT	TACHED IN ACCORD	ANCE WITH THE U	ITAH OIL AND GAS C	ONSERVATION GENERAL RULES:			SIV. OF OIL,	GAS & MINING
WELL PL	AT OR MAP PREF	PARED BY LICENSED	SURVEYOR OR EI	NGINEER	COMPLETE DRILLING PLAN				
✓ EVIDENC	E OF DIVISION O	F WATER RIGHTS A	PPROVAL FOR USI	E OF WATER	FORM 5, IF OPERATOR IS PE	RSON O	R COMPAN	Y OTHER THAN TH	E LEASE OWNER
					<u></u>				
NAME (PLEASE F	PRINT) Trace	y Fallang			TITLE Permit Analyst	t			
SIGNATURE	Dia	cer_f	allan	41	DATE 1/31/2005				
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	4	3-007-31	000		ah Division of Gas and Mining				
API NUMBER ASS	SIGNED:	0.001.01	<u>020</u>		APPROVAL OF APPROV	r	ONF	IDENTI	ΔI
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T13S, R15E, S.L.B.&M.

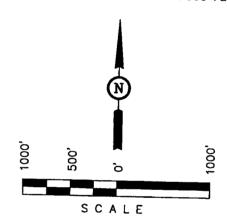


BILL BARRETT CORPORATION

Well location, PRICKY PEAR UNIT STATE #6-2, located as shown in the SE 1/4 SW 1/4 of Section 2, T13S, R15E, S.L.B.&M., Carbon County, Utah.

BASIS OF ELEVATION

TRIANGULATION STA. COTTON LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7368 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS REFHARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY THE OR PUBLIC SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIFF.

REGISTERED LAND CONSTITUTE L.
REGISTERED NO. 1444
STATE OF UTAH

LEGEND:

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

AUTONOMOUS NAD 83)

LATITUDE = 39.43'03.64" (39.717678)

LONGITUDE = 110°12°21.42" (110.205950)

UINTAH ENGINEERING & LANDING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

DRILLING PROGRAM

BILL BARRETT CORPORATION Prickly Pear Unit State #6-2-13-15

619' FSL, 2173' FWL SESW, Section 2, T13S-R15E Carbon County, Utah

1-3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	Depth - MD
Green River	Surface
Wasatch	2945'
North Horn	4795'
Price River	6355'
Base of Upper PR	6585'
TD	7250'

PROSPECTIVE PAY

Members of the Mesaverde formation are primary objectives, North Horn and Wastach are secondary objectives for oil/gas.

4. Casing Program (Exhibit A attached)

Purpose	Hole Size		<u>ring</u> H (MD) (TO)	<u>O.D.</u>	<u>Weight</u>	Grade	Thread	Condition
Surface	12 1/4"	Surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
Production	7 7/8"	Surface	7,250'	5 ½"	17#	N-80	LT&C	New

5. <u>Cementing Program (Exhibit B attached)</u>

Casing Type	Cement Type and Amount
9 5/8" Surface Casing	Lead with approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft ³ /sx) and tail with approximately 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft ³ /sx) circulated to surface with 100% excess.

5 ½" Production Casing	Approximately 720 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft ³ /sx). Top of cement to be determined by log and sample evaluation, estimated TOC 2500'				
Note: Actual volumes to be calculated from caliper log.					

6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	<u>Remarks</u>
0 – 40'	8.3 – 8.6	27 – 40		Native Spud Mud
40 – 1000'	8.3 - 8.6	27 - 40	15 cc or less	Native/Gel/Lime
1000 – TD	8.6 - 9.5	38 – 46	15 cc or less	LSND/DAP

Note(s): Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. If deviation problems and increased torque and drag occur, may add #2 diesel oil with ENVIRO-TORQ / EZ-GLIDE for reduction and increased ROP.

7. BOP and Pressure Containment Data (Exhibit C attached)

Depth Intervals	BOP Equipment					
0 – 1000'	No pressure control required					
1000' – TD	11" 3000# Ram Type BOP					
	11" 3000# Annular BOP					
- Drilling spool to accommodate choke and kill lines;						
- Ancillary and choke manifold to be rated @ 3000 psi;						
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in						
accordance with the requirements of onshore Order No. 2;						
- The State of Utah, Division of Oil, Gas and Mining, will be notified 24 hours in						
advance of all BO	OP pressure tests.					

8. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation
Drilling Program
Prickly Pear Unit State #6-2-13-15
Carbon County, Utah

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3582 psi* and maximum anticipated surface pressure equals approximately 1987 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = $A - (0.22 \times TD)$

11. **Drilling Schedule**

Spud:

Approximately June 25, 2005

Duration:

25 days drilling time

35 days completion time

12. Water Source

Bill Barrett Corporation (BBC) will utilize an existing water well on BLM lands in the SW/4 SE/4 Section 13-T12S-R14E. BBC was granted this authorization by the State of Utah Application # 90-1826 (T74077) on August 20, 2002.

13. Archaeology

Cultural resource inventories were conducted by Montgomery Archaeological Consultants (MOAC Report No. 03-10 and 04-208). Based on the findings, a determination of "no historic properties affected" has been recommended.

EXHIBIT A

Well name:

Utah: Nine Mile

Operator:

Bill Barrett

String type:

Surface

_ocation:

Uintah County, UT

Design parameters:

<u>Collapse</u>

Mud weight:

9.50 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

Environment:

H2S considered?

Surface temperature: Bottom hole temperature:

Temperature gradient:

89 °F 1.40 °F/100ft

1,000 ft

Minimum section length:

No

75.00 °F

Burst:

Design factor

1.00

Cement top:

Surface

Burst

Max anticipated surface

pressure: Internal gradient: 2,735 psi 0.22 psi/ft

Calculated BHP

Annular backup:

9.50 ppg

2,955 psi

Tension:

8 Round STC:

1.80 (J) 8 Round LTC: 1.80 (J) 1.80 (J) Buttress:

Premium:

Neutral point:

1.80 (J) 1.80 (B) Body yield:

Tension is based on buoyed weight.

859 ft

Re subsequent strings:

Next setting depth: Next mud weight:

Non-directional string.

Next setting BHP: Fracture mud wt:

9.500 ppg 4,935 psi 10.000 ppg

10,000 ft

Fracture depth: Injection pressure 10,000 ft 5,195 psi

Run Seq	Segment Length (ft) 1000	Size (in) 9.625	Nominal Weight (lbs/ft) 36.00	Grade J/K-55	End Finish ST&C	True Vert Depth (ft) 1000	Measured Depth (ft) 1000	Drift Diameter (in) 8.796	Internal Capacity (ft³) 71.2
Run Seq	Collapse Load (psi) 493	Collapse Strength (psi) 2020	Collapse Design Factor 4.094	Burst Load (psi) 2735	Burst Strength (psi) 3520	Burst Design Factor 1.29	Tension Load (Kips) 31	Tension Strength (Kips) 453	Tension Design Factor 14.64 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

Operator:

Bill Barrett

String type:

Production

Location:

Uintah County, UT

Design parameters:

Collapse

Mud weight:

9.50 ppg

Design is based on evacuated pipe.

Minimum design factors:

Utah: Nine Mile

Collapse:

Design factor

1.125

Environment:

H2S considered? Surface temperature: Bottom hole temperature:

Temperature gradient:

215 °F 1.40 °F/100ft

Minimum section length:

1,500 ft

No

75.00 °F

Burst:

Design factor

1.00

Cement top:

2,500 ft

Burst

Max anticipated surface

pressure: Internal gradient:

Annular backup:

4,705 psi 0.02 psi/ft

Calculated BHP

4,935 psi

Tension:

8 Round STC: 8 Round LTC:

Buttress:

Premium: Body yield:

1.80 (J) 1.80 (J) 1.80 (J)

1.80 (J)

1.80 (B)

Non-directional string.

9.50 ppg

Tension is based on buoyed weight. 8,559 ft Neutral point:

Run Seq	Segment Length (ft) 10000	Size (in) 5.5	Nominal Weight (lbs/ft) 17.00	Grade N-80	End Finish LT&C	True Vert Depth (ft) 10000	Measured Depth (ft) 10000	Drift Diameter (in) 4.767	Internal Capacity (ft³) 344.6
Run Seq	Collapse Load (psi) 4935	Collapse Strength (psi) 6290	Collapse Design Factor 1.275	Burst Load (psi) 4705	Burst Strength (psi) 7740	Burst Design Factor 1.65	Tension Load (Kips)	Tension Strength (Kips) 348	Tension Design Factor 2.39 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

EXHIBIT B



Bill Barrett Corporation

NINE MILE CEMENT VOLUMES

Well Name:

Prickly Pear Unit State #6-2-13-15

Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	219.2	ft ³
Lead Fill:	700'	
Tail Volume:	94.0	ft ³
Tail Fill:	300'	

Cement Data:

Lead Yield:	1.85	ft ³ /sk
Tail Yield:	1.16	ft ³ /sk
% Excess:	100%	

Calculated # of Sacks:

 # SK's Lead:		•
# SK's Tail:	1	

Production Hole Data:

Total Depth:	7,250
Top of Cement:	2,500'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	823.0	ft ³
Lead Fill:	4,750'	

Cement Data:

Lead Yield:	1.49	ft ³ /sk
% Excess:	30%	

Calculated # of Sacks:

SK's Lead:

Prickly Pear Unit State #6-2-13-15 Proposed Cementing Program

Job Recommendation		Su	rface Casing
Lead Cement - (700' - 0')			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.85	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	O'	
	Calculated Fill:	700'	
	Volume:	78.09	bbl
	Proposed Sacks:	240	sks
Tail Cement - (1000' - 700')			'
Premium Cement	Fluid Weight:	15.8	lbm/gal
94 lbm/sk Premium Cement	Slurry Yield:	1.16	ft ³ /sk
2.0% Calcium Chloride	Total Mixing Fluid:	4.97	Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid:	700'	
	Calculated Fill:	300'	
	Volume:	33.47	bbl
	Proposed Sacks:	170	sks

Job Recommendation		Produc	ction Casing
Lead Cement - (7250' - 2500')			
50/50 Poz Premium	Fluid Weight:		lbm/gal
3.0 % KCL	Slurry Yield:	1.49	ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid:	2,500'	
0.2% FWCA	Calculated Fill:	4,750'	
0.125 lbm/sk Poly-E-Flake	Volume:	190.53	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	720	sks

EXHIBIT C

BOP AND PRESSURE CONTAINMENT DATA

- **A. Type:** Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
 - 1. One (1) blind ram (above).
 - 2. One (1) pipe ram (below).
 - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
 - 4. 3-inch diameter choke line.
 - 5. Two (2) choke line valves (3-inch minimum).
 - 6. Kill line (2-inch minimum).
 - 7. Two (2) chokes.
 - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
 - 9. Upper kelly cock valve with handles available.
 - 10. Safety valve(s) & subs to fit all drill string connections in use.
 - 11. Pressure gauge on choke manifold.
 - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

C. Testing Procedure:

<u>Annular Preventer</u>

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug).

Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

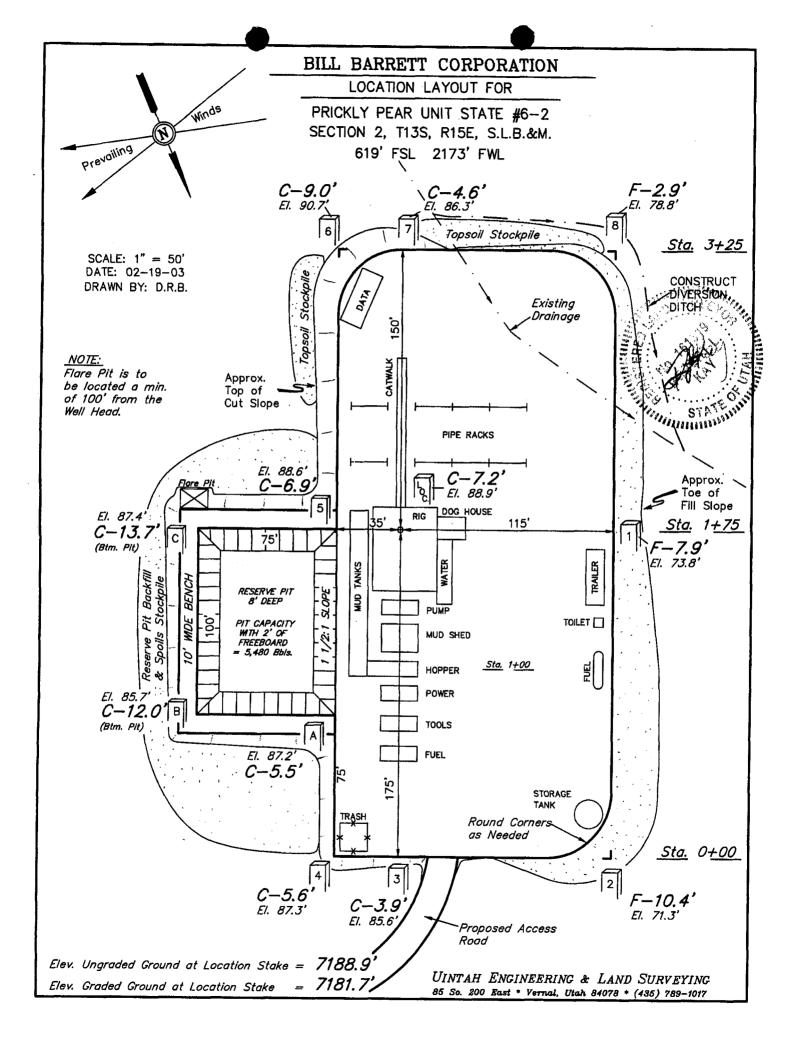
BOP AND PRESSURE CONTAINMENT DATA

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

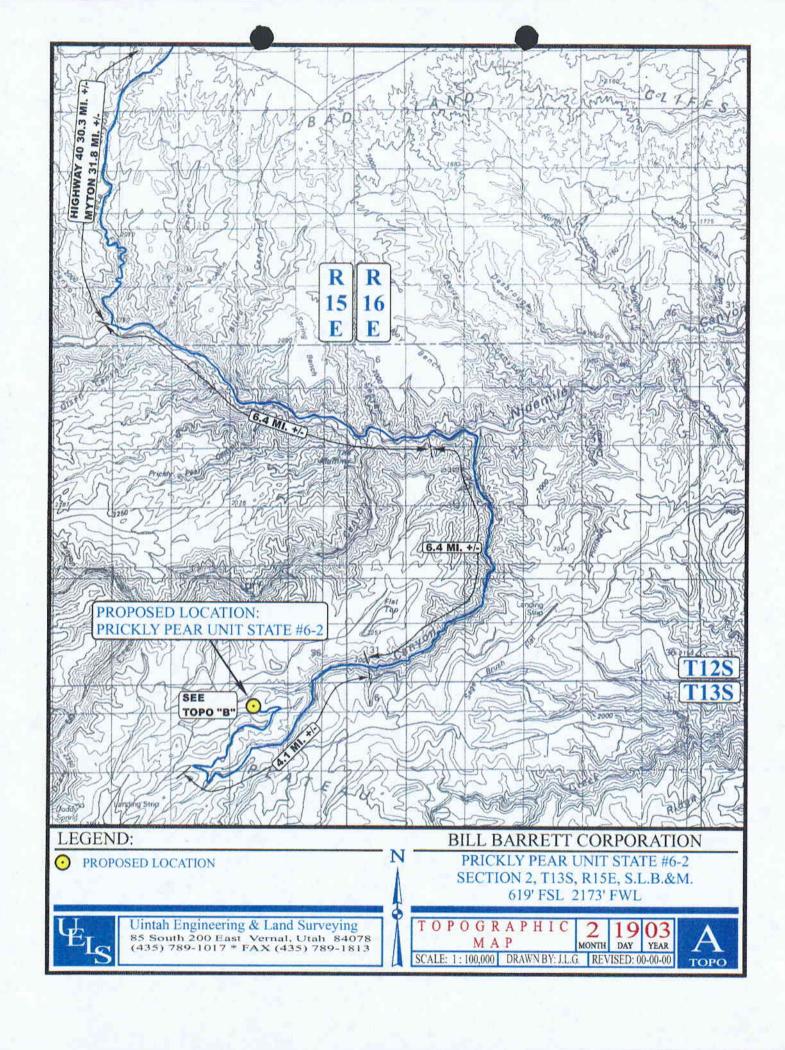
The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

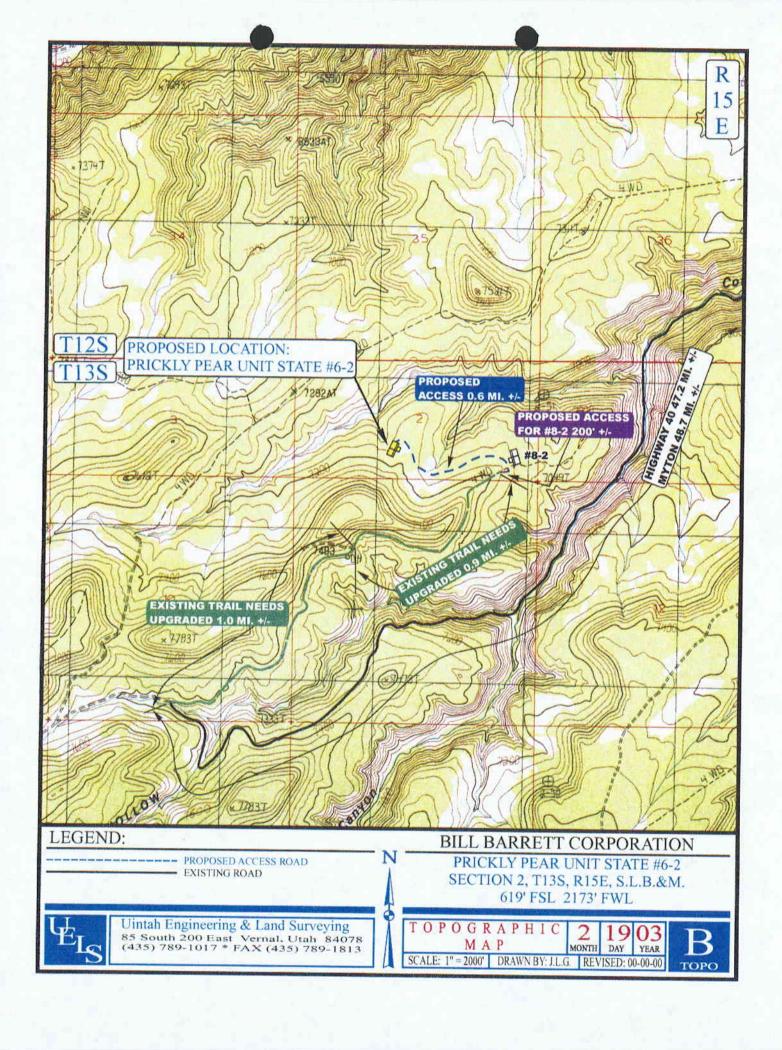
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

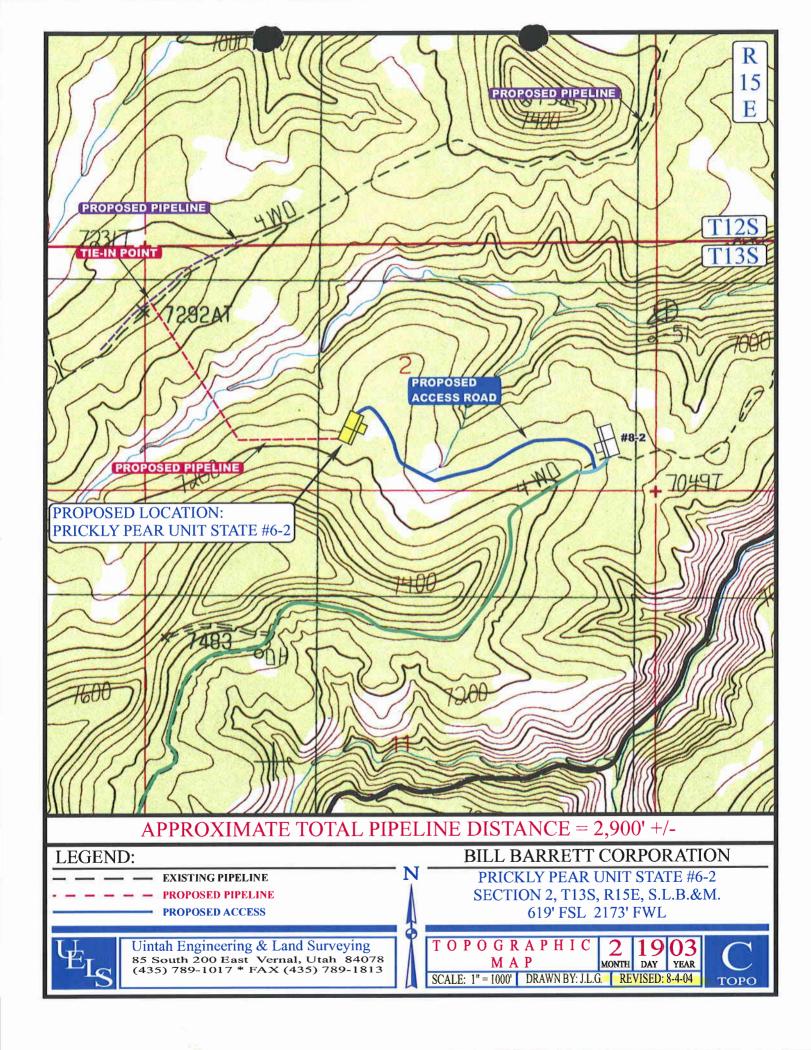


BILL BARRETT CORPORATION TYPICAL CROSS SECTIONS FOR 20, PRICKLY PEAR UNIT STATE #6-2 X-Section 11 SECTION 2, T13S, R15E, S.L.B.&M. Scale 619' FSL 2173' FWL 1" = 50' DATE: 02-19-03 DRAWN BY: D.R.B. 35 115' Finished Grade STA. 3+25 120' 115' LOCATION STAKE CUT STA. 1+75 75' 35' 115' 10'-CUT STA. 1+00 115' 35' Preconstruction Grade CUT Slope= 1 1/2:1 (Typ.) FILL STA. 0+00 APPROXIMATE YARDAGES EXCESS MATERIAL AFTER 5% COMPACTION = *1,920* Cu. Yds. (6") Topsoil Stripping = 1,090 Cu. Yds. Topsoil & Pit Backfill = 1,920 Cu. Yds. (1/2 Pit Vol.) Remaining Location = 7,340 Cu. Yds. **EXCESS UNBALANCE** Cu. Yds. TOTAL CUT = 8,430 CU.YDS. (After Rehabilitation) FILL = 6,180 CU.YDS. UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



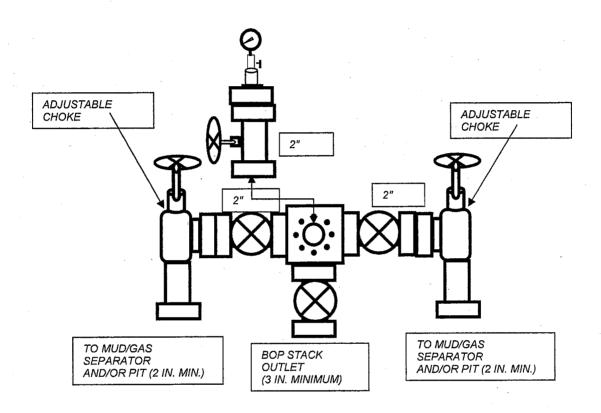






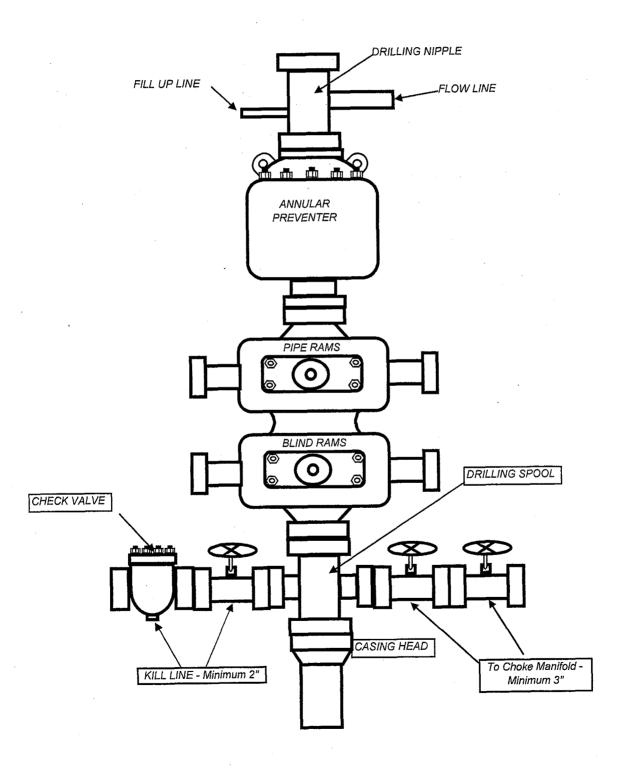
BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



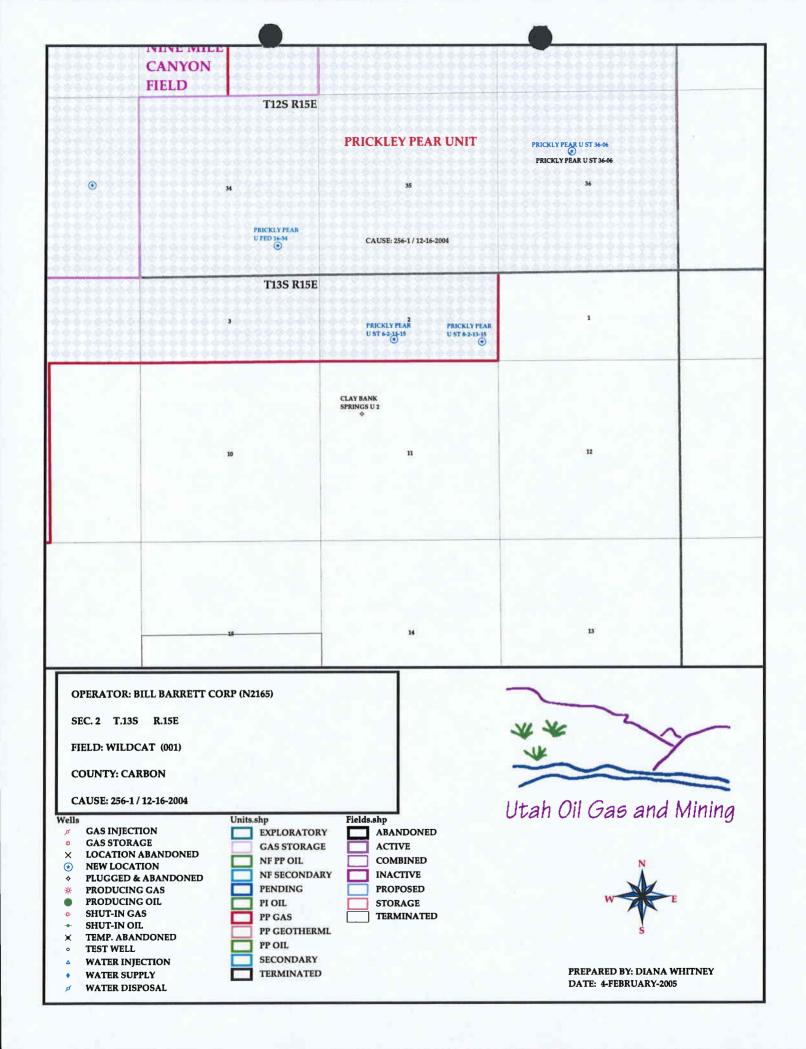
APD RECEIVED: 02/03/2005

WORKSHEET APPLICATION FOR PERMIT TO DRILL

TTT	

API NO. ASSIGNED: 43-007-31020

WELL NAME: PRICKLY PEAR U ST 6-2-13-15 OPERATOR: BILL BARRETT CORP (N2165) CONTACT: TRACEY FALLANG PROPOSED LOCATION: SESW 02 130S 150E SURFACE: 0619 FSL 2173 FWL	PHONE NUMBER: 30	BY: /	/
BOTTOM: 0619 FSL 2173 FWL	Tech Review	Initials	Date
CARBON	Engineering	DVO	5/9/05
WILDCAT (1)	Geology		
LEASE TYPE: 3 - State LEASE NUMBER: ML48385	Surface	-	
SURFACE OWNER: 3 - State PROPOSED FORMATION: PRRV COALBED METHANE WELL? NO	LATITUDE: 39.71		
Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. Lom 4138148) Potash (Y/N) Noil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 90-1826) RDCC Review (Y/N) (Date:) No Fee Surf Agreement (Y/N)	LOCATION AND SITI R649-2-3. Unit PRICKLY PEAR R649-3-2. G Siting: 460 Fr R649-3-3. E Drilling Uni Board Cause Eff Date: Siting: R649-3-11.	eneral com Qtr/Qtr & 920 xception t No: 356 12-16- Swywydd (-1 20 of Seting
COMMENTS: Leeds	Prait (04-20-	-05)	
STIPULATIONS: 05/2 PRODUCTION Strong Cont	shul be brought 1818	back to 2000	to isolate BMSC



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

February 4, 2005

Memorandum

To:

Assistant Field Office Manager Resources,

Moab Field Office

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Prickly Pear Unit

Carbon County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2005 within the Prickly Pear Unit, Carbon County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Price River)

43-007-31020 Prickly Pear 6-2-13-15 Sec 2 T13S R15E 0619 FSL 2173 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Prickly Pear Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:2-4-05

From:

Ed Bonner

To:

Whitney, Diana

Date:

2/23/2005 1:27:46 PM

Subject:

Well Clearance

Earlier memo regarding Bill Barrett Corporation was incorrect. The following wells are the correct wells and have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Bill Barrett Corporation
Prickly Pear Unit State 6-2-13-15
Prickly Pear Unit State 8-2-13-15

If you have any questions regarding this matter please give me a call.

CC:

Garrison, LaVonne; Hill, Brad; Hunt, Gil

DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	Bill Barrett Corporation
WELL NAME & NUMBER:	
API NUMBER:	43-007-31020
	2 TWP: <u>13S</u> RNG: <u>15E</u> <u>619</u> FSL <u>2173</u> FWL
Geology/Ground Water:	
water is at approximately 2,200 feet proposed location is in a recharge a be expected to be found in the upper	000' of surface casing at this location. The base of the moderately saline in this area. This location lies on the Green River Formation. The trea for the aquifers of the upper Green River formation and fresh water can referen River. A search of Division of Water Rights records indicates no lius of the proposed location. The proposed casing and cement program ble ground water.
Reviewer: Bra	ad Hill Date: 04-28-2005
Surface:	
	alled a presite evaluation for this location for April 20, 2005 to take input and
	tion and drilling of this well. SITLA was specified as the landowner of record; dinvited by email and telephone. Chris Colt from Utah's Division of Wildlife
	lso invited to address wildlife issues as they relate to this project. No wildlife
——————————————————————————————————————	the database, or observed. Chris did request they move the access road north
•	because of wildlife concerns and use. Fred Goodrich and Roger Mitchell
	th would not be any problem. Chris Colt did provide a seed mixture for
	un-off drainage is present on the southwestern end of location and leaves the
	e location layout plat does indicate Barrett will move this drainage west around
location and tie it back into the original	al drainage below the location. The surface is arid, pinion juniper type habitat
	idge. However, a 16 mil synthetic and felt pad is recommended for use in the
	ids into adjacent canyons or streams. No other issues were noted during the
<u>presite visit.</u>	
Reviewer: Dennis I	L. Ingram Date:April 20, 2005

Conditions of Approval/Application for Permit to Drill:

- 1. A synthetic liner with a minimum thickness of 16 mils and a felt sub-liner shall be properly installed and maintained in the reserve pit.
- 2. Drainages shall be rerouted around location.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR:	Bill Barrett Corporation
WELL NAME & NUMBE	R: Prickly Pear Unit State 6-2-13-15
API NUMBER: 43-0	07-31020
LEASE: ML-48385	FIELD/UNIT: WILDCAT
LOCATION: 1/4,1/4	SE/SW Sec: 2 TWP: 13S RNG: 15E 619 FSL 2173 FWI
LEGAL WELL SITING	: Siting suspended.
GPS COORD (UTM):	X = 0568124 E; Y = 43965117 N SURFACE OWNER: SITLA

PARTICIPANTS

Dennis L. Ingram (DOGM) Fred Goodrich (Bill Barrett Corp) Chris Colts (Utah Division of Wildlife Resources) Roger Mitchell (Dirt Contractor)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed 31.8 +/- miles south of Myton, Utah down the Wells Draw Road to Nine Mile Canyon, then east along that road for 6.4 miles to the Cottonwood Canyon Road, then another 10.5 miles up Cottonwood Canyon to the lower road on Flat Top Mesa overlooking a finger canyon that flows into Cottonwood. The immediate surface area of the location is on a east/west bench that slopes north and west—the western slope is the steeper of the two grades. Flat Top Mesa is a broad ridge or plateau that has steep, sharp canyon to the east, west and north. They are Cottonwood Canyon, Dry Canyon and Nine Mile Canyon. Cold Springs, Range Creek and Bruin Points are located to the south in the higher elevation. All the drainages in this area flow north into Nine Mile Creek.

SURFACE USE PLAN

CURRENT SURFACE USE: Domestic grazing, public recreational, wildlife both winter and summer range

PROPOSED SURFACE DISTURBANCE: <u>Upgrade existing trail or two-track road</u> for 1.9 miles, with 0.6 +/- miles of new access road in from proposed #8-2 well, and location measuring 150'x 325'x plus reserve pit and soil storage stockpile outside the described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: None shown

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:	
SOURCE OF CONSTRUCTION MATERIAL: Native cut and material	fill using borrowed
ANCILLARY FACILITIES: None requested	
WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTERPRETATION OF THE PUBLIC CONCERNS FROM INCREASED TRAVE CANYON	

WASTE MANAGEMENT PLAN:

Submitted to the Division with Application to Drill under Operational Standards by operator.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: western border of location has down slope into Cottonwood Canyon

FLORA/FAUNA: Pinyon/Juniper, grassy meadows; primary mule deer and elk winter range, no known raptor nests, also used by bear, lion, bobcat, coyote, rabbit and other small mammals and birds native to region.

SOIL TYPE AND CHARACTERISTICS: <u>Tan</u>, <u>fine-grained sandy loam with underlying shale and sandstone</u>.

SURFACE FORMATION & CHARACTERISTICS: Green River Formation

EROSION/SEDIMENTATION/STABILITY: <u>Active erosion</u>, some sedimentation, no stability problems anticipated.

PALEONTOLOGICAL POTENTIAL: None observed during presite

RESERVE PIT

CHARACTERISTICS: <u>Proposed on east side of location at the edge of a small grassy meadow, in cut, and downwind of wellhead, measuring 100'x 75'x 10' deep.</u>

LINER REQUIREMENTS (Site Ranking Form attached): 25 points

SURFACE RESTORATION/RECLAMATION PLAN

According to SITLA requirements or back to or near original slope and contour with seed mixture provided by the Utah Division of Wildlife Resources.

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Done and submitted to DOGM and SITLA

OTHER OBSERVATIONS/COMMENTS

Grassy meadow on eastern border of location, drainage from south that cuts through location just west of corner #7 and leaves out between corners #8 and #1, deep drainage and slope to west of location, well was moved out of meadow to accommodate wildlife use in area, access road cuts across the middle of a large north/south meadow—UDWR asked that the road be re-routed to north along tree line,

ATTACHMENTS

Photos of this location were taken and placed on file.

Dennis L. Ingram
DOGM REPRESENTATIVE

April 20, 2005 10:45 AM DATE/TIME

Distance to Groundwater (feet) >200 0 100 to 200 5 75 to 100 10 25 to 75 15	0
>200 0 100 to 200 5 75 to 100 10 25 to 75 15	0
75 to 100 10 25 to 75 15	0
25 to 75 15	0
	0
<25 or recharge area 20	
Distance to Surf. Water (feet)	
>1000	
300 to 1000 2 200 to 300 10	
100 to 200 15	
< 100	0
Distance to Nearest Municipal	
Well (feet)	
>5280 0 1320 to 5280 5	
500 to 1320 10	
<500 20	0
Distance to Other Wells (feet)	
>1320 0	
300 to 1320 10 <300 20	0
Native Soil Type	
Low permeability 0 Mod. permeability 10	
High permeability 20	20
Fluid Type	
Air/mist 0	
Fresh Water 5	
TDS >5000 and <10000 10	
TDS >10000 or Oil Base Mud Fluid 15 containing significant levels of	
hazardous constituents 20	5
Drill Cuttings	
Normal Rock 0	
Salt or detrimental 10	0
Annual Precipitation (inches)	
<10 0	
10 to 20 5	
>20 10	0
Affected Populations	
<10 0 10 to 30 6	
30 to 50	
>50 10	0
Presence of Nearby Utility Conduits	
Not Present 0	
Unknown 10	^
Present 15	0

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

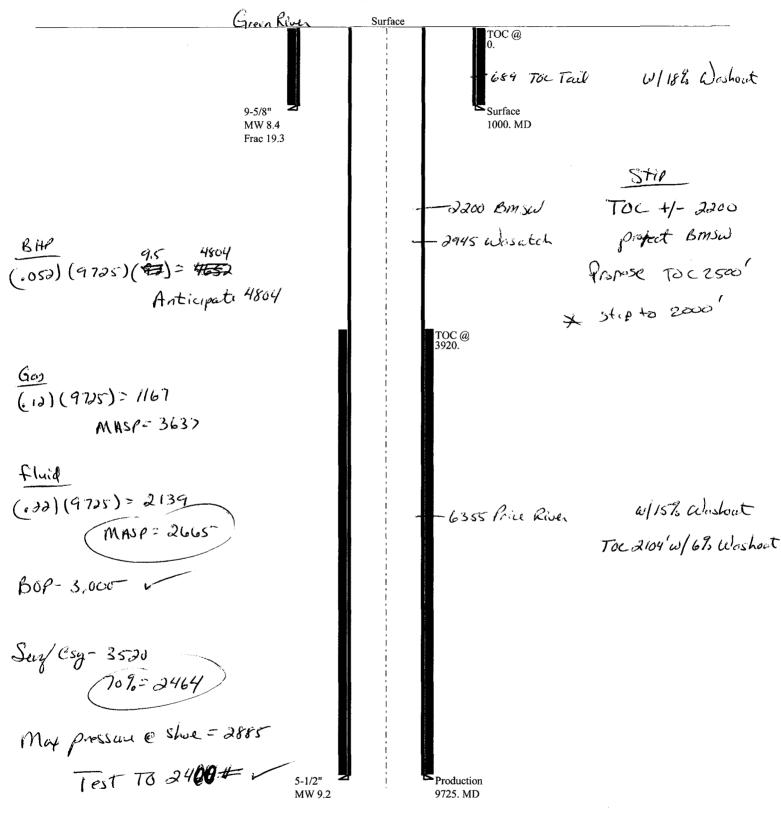
Sensitivity Level III = below 15; no specific lining is required.

Final Score

.

0 5 Bill Barrett Prickley Pear 6-2-13-15

Casing Schematic



Well name:

05-05 Bill Barrett Prickley Pear St 6-2-13-15

Operator:

Bill Barrett Corp

String type:

Surface

Project ID:

43-007-31020

Location:

Carbon County

Minimum design factors: **Environment:**

Collapse

Mud weight:

Design parameters:

8.400 ppg Design is based on evacuated pipe.

Collapse: Design factor

1.125

H2S considered? Surface temperature:

No 65 °F 79 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

185 ft

Burst:

Design factor

1.00

876 ft

Cement top:

Surface

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient:

Calculated BHP

303 psi

0.447 psi/ft 750 psi

Tension:

Neutral point:

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC: **Buttress:** 1.60 (J)

Tension is based on air weight.

Premium: Body yield:

1.50 (J) 1.50 (B)

Non-directional string.

Re subsequent strings: Next setting depth: 9,725 ft

Next mud weight: Next setting BHP:

9.200 ppg 4,648 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure

1,000 ft 1.000 psi

Run	Segment		Nominal	0 ! .	End	True Vert			Internal
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Capacity (ft³)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	71.2
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	436	2020	4.630	750	3520	4.69	36	394	10.95 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Date: May 2,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

05-05 Bill Barrett Prickley Pear St 6-2-13-15

Operator:

Bill Barrett Corp

String type:

Production

Location:

Carbon County

Project ID:

43-007-31020

Design parameters:

Collapse

Mud weight: Design is based on evacuated pipe.

9.200 ppg

Minimum design factors: Collapse:

Design factor 1.125 **Environment:**

H2S considered?

65 °F Surface temperature: Bottom hole temperature: 201 °F

Temperature gradient: Minimum section length:

1.40 °F/100ft 368 ft

Burst:

Design factor

Tension:

Buttress:

8 Round STC:

8 Round LTC:

1.00 Cement top:

1.80 (J)

1.80 (J) 1.60 (J)

1.50 (J)

1.50 (B)

3,920 ft

No

Burst

Max anticipated surface

No backup mud specified.

pressure:

3,481 psi

Internal gradient: Calculated BHP

0.120 psi/ft 4,648 psi

Premium: Body yield:

Tension is based on air weight. Neutral point: 8,368 ft Non-directional string.

End True Vert Drift Internal Run Segment Nominal Measured Diameter Capacity Seq Length Size Weight Grade **Finish** Depth Depth (ft³) (ft) (in) (lbs/ft) (ft) (ft) (in) 9725 5.5 17.00 N-80 LT&C 9725 9725 4.767 335.1 1 Run Collapse Collapse Collapse **Burst Burst** Burst **Tension** Tension Tension Strength Design Design Load Strength Design Seq Load Strength Load (Kips) (Kips) **Factor** (psi) **Factor** (psi) **Factor** (psi) (psi) 2.10 J 1 6290 4648 7740 1.67 165 348 4648 1.353

Clinton Dworshak Prepared

Utah Div. of Oil & Mining by:

Date: May 2,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 9725 ft, a mud weight of 9.2 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

May 9, 2005

Bill Barrett Corporation 1099 18th St., Suite 2300 Denver, CO 80202

Re:

Prickly Pear Unit State 6-2-13-15 Well, 619' FSL, 2173' FWL, SE SW, Sec. 2, T. 13 South, R. 15 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31020.

Sincerely,

Gil Hunt

Acting Associate Director

pab Enclosures

cc:

Carbon County Assessor

SITLA

Bureau of Land Management, Moab District Office

Bill Barrett Corporation	•
Prickly Pear Unit State 6-2-13-15	
43-007-31020	
ML48385	
	Prickly Pear Unit State 6-2-13-15 43-007-31020

Location: <u>SE SW</u>

Sec. 2

T. 13 South

R. 15 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. A. 5 ½" production string cement shall be brought back to ±2000' to isolate base moderately saline ground water.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

CONFIDENTIAL

FORM 9

0 9	DIVISION OF	OIL, GAS AND MII	NING		4	ASE DESIGNAT 48385	TION AND SERIAL NUMBER
SUND	RY NOTICES	AND REPORTS	ON WEL	LS	6 IF I		TEE OR TRIBE NAME
Do not use this form for proposals to o	inii new wells, significantly de la! (sterals, Use APPLICAT)	epen existing wells below our ON FOR PERMIT TO ORIGINA	ent bollom-hole dep	th, reenter plugged wells.	or to UT	T or CA AGRE	
1 TYPE OF WELL OIL WE					8. WE	LL NAME and i	NUMBER: U State 6-2-13-15
2 NAME OF OPERATOR. Bill Barrett Corporation					9. API	NUMBER:	2
3. ADDRESS OF OPERATOR	-			PHONE NUMBER:	10. FI	LD AND POOL	3-007-31020
1099 18th Street, Suite 2300	Care Denver	STATE CO TIP	80202	(303) 312-816	8 Prid	ckly Pear/	Mesaverde
FOOTAGES AT SURFACE 619	' FSL, 2173' FWL				COUN	ry: Carbo	on
QTR/QTR, SECTION, TOWNSHIP, I	RANGE, MERIDIAN: SES	W 2 13S 1	5E		STATE	Ž	UTAH
11. CHECK AP	PROPRIATE BO	XES TO INDICAT	E NATURE	OF NOTICE, RI	EPORT, O	R OTHER	R DATA
TYPE OF SUBMISSION				PE OF ACTION			
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE		DEEPEN	-n			TE CURRENT FORMATION
Approximate date work will start	CASING REPAI		FRACTURE NEW CONS				TO REPAIR WELL
6/25/2005		REVIOUS PLANS	OPERATOR		片	TUBING REP	LY ABANDON
0/23/2003	CHANGE TUBI		PLUG AND			VENT OR FL	
SUBSEQUENT REPORT	CHANGE WELL		FLUG BACK			WATER DISP	
(Submit Original Form Only)	CHANGE WELL	STATUS	PRODUCTIO	ON (START/RESUME)		WATER SHU	
Date of work completion:	COMMINGLE P	RODUCING FORMATIONS		ON OF WELL SITE	H	OTHER-	
	CONVERT WE	LTYPE	RECOMPLE	TE - DIFFERENT FORMA	TION		
THIS SUNDRY IS BEIN CEMENTING DETAILS NEW TD: 9725' REVISED PROD CASIN	IG SUBMITTED 1 :	-			·	RY REVI	SED CASING/
SETTING DEPTH	SX CMT	REV BHP	MAX SF	RFC PSI		CE	IVED
FROM TO Surface 9725'	1100	4804	26	64			
ALL OTHER INFORMA	TION TO REMAI	N THE SAME.			DIV C	ri/ii	BAS & MINING
NAME (PLEASE PRINT) Tracey SIGNATURE	Fallang A Fallan	ej.	TiTL!	Permit Analy 5/18/05	st		
(This space for State use only)	COPY SENT TO O	ERATOR	Al	PPROVED	BY TH	ESTA	ATE OF

(5/2000)

STATE OF UTAH

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUF	PCES	FORM 9
	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached		
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill ne	ew wells, significantly deepen existing wells below curiterals. Use APPLICATION FOR PERMIT TO DRILL for	rent bottom-hole depth, reenter plugged wells, or to orm for such proposals.	7. UNIT OF CA AGREEMENT NAME: See Attached
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER_	The target of the same of the	8. WELL NAME and NUMBER: See Attached
NAME OF OPERATOR: BILL BARRETT CORPOR	ATION	the second of the second	9. API NUMBER: See Attchd
B. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 City		80202 PHONE NUMBER: (303) 312-8168	10. FIELD AND POOL, OR WILDCAT: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE:	135	5 E 2	county: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANG	3E, MERIDIAN: 43:007	131020	STATE: UTAH
11. CHECK APPF	OPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	· · · · · · · · · · · · · · · · · · ·
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	ENT REPORT CHANGE WELL NAME PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ other: Alternate production
<u> </u>	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	casing
2. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volum	nes, etc.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details in

This sundry is being submitted to request an alternate production casing design, if the 5 1/2" N-80 proposed is unavailable. As an alternative, BBC would like to utilize 5 1/2", 17#, I-80 production casing. All of the casing characteristics/strengths are the same as the N-80 with exception to the tensile strength, I-80 is rated at 338K lbs whereas N-80 has a tensile rating of 348K lbs.

A spreadsheet of the wells BBC would like this option on is attached.

RECEIVED

JUN 1 0 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Matt Barber	TITLE Contract Permit Analyst for the Bill Barrett Corp.
SIGNATURE Matt Bille	DATE 6/1/2005
SIGNATURE TO THE STATE OF THE S	

(This space for State use only)

11

V

COPY SENT TO OPERATOR iniliais:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

CONFIDENTIAL

4. Location of Well	5. Lease Serial No.	7. If Unit or CA Agreement, Name and No.	8. Lease Name	and No.	9. API#	10. Field and Pool	11. Sec. T, R and Survey or Area
1780 FNL, 460 FWL	FEE	UTU-079487X	Prickly Pear Unit Fasselin	5-19-12-15	Pending	Prickly Pear Unit/Mesaverde	Sec.19-T12S-R15E
1807' FNL, 2144' FWL	ML46710	UTU-079487X	Prickly Pear Unit State	36-6-12-15	43-007-31018	Prickly Pear Unit/Widlcat	Sec.36-T12S-R15E
524' FSL, 526' FEL	ML48385	UTU-079487X	Prickly Pear Unit State	8-2-13-15	43-007-31019	Prickly Pear Unit/Widlcat	Sec.2-T13S-R15E
1920' FNL, 583' FEL	ML46710	UTU-079487X	Prickly Pear Unit State	8-36-12-15	43-007-31021	Prickly Pear Unit/Widlcat	Sec.36-T12S-R15E
	Marian Caranta	ing the same of					
731' FNL, 2174' FEL	ML48386		Peter's Point Unit State	6D-2-13-15	43-007-31017	Prickly Pear Unit/Widlcat	Sec.2-T13S-R16E

STATE OF UTAH

	DEPARTMENT OF NATURAL RESOUR	RCES		· · · ·	
С	DIVISION OF OIL, GAS AND MI	NING		5. LEASE DESIGNATION AND SERIAL NUI ML48385	MBER:
SUNDRY	S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a	:		
Do not use this form for proposals to drill ne drill horizontal lat	eenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: Prickly Pear Unit-UTU-079	487X		
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER			8. WELL NAME and NUMBER: Prickly Pear Unit State 6-2	-13-15
2. NAME OF OPERATOR:				9. API NUMBER:	
BILL BARRETT CORPORA	ATION	_		4300731020	
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY	Denver STATE CO ZIP		HONE NUMBER: 303) 312-8134	10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL					
FOOTAGES AT SURFACE: 619' FS	SL, 2173' FWL			COUNTY: Carbon	
QTR/QTR, SECTION, TOWNSHIP, RANG	SE, MERIDIAN: SESW 2 13S 15	5E		STATE: UTAH	
11. CHECK APPR	OPRIATE BOXES TO INDICAT	E NATURE O	NOTICE, REPOF	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION		
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORM	ATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TR	EAT	SIDETRACK TO REPAIR WELL	
Approximate date work will start:	CASING REPAIR	☐ NEW CONSTRI	UCTION	TEMPORARILY ABANDON	
	CHANGE TO PREVIOUS PLANS	OPERATOR CH		TUBING REPAIR	
	CHANGE TUBING	PLUG AND ABA		VENT OR FLARE	
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	110011	WATER DISPOSAL	
(Submit Original Form Only)			(CTARTIRECUME)	=	
Date of work completion:	CHANGE WELL STATUS	_	(START/RESUME)	WATER SHUT-OFF	
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION	OF WELL SITE	✓ отнея: Permit Extensio	<u>n</u>
	CONVERT WELL TYPE	RECOMPLETE	- DIFFERENT FORMATION		
	Approved Utah Divi Oil, Gas an Date:	he APD which by the			
NAME (PLEASE PRINT) Tracey Fall	ang	TITLE	Environmental/Re	gulatory Analyst	
SIGNATURE MCCC	Fallance	DATE	6/8/2006		
(This space for State use only)	- ()		· · · · · · · · · · · · · · · · · · ·		

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Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API:	43-007-31020			
well Name: Location:	Prickly Pear Unit S SE/4 SW/4 Sec. 2-			
		Bill Barrett Corpora	tion	
	Permit Issued:			
above, hereby	verifies that the	information as sul	II on the property as omitted in the previo oes not require revis	usly
Following is a verified.	checklist of some	e items related to	the application, whic	h should be
•	rivate land, has t en updated? Yes	•	nged, if so, has the s	surface
•		the vicinity of the pents for this locatio	oroposed well which n? Yes⊟ No ☑	would affect
		er agreements put proposed well? Ye	t in place that could a s⊡No⊠	affect the
		to the access rout proposed location	e including ownersh ? Yes⊡No ☑	ip, or right-
Has the appro	ved source of wa	ater for drilling cha	nged? Yes□No☑	
	uire a change in p		rface location or acc as discussed at the	
s bonding still	in place, which o	covers this propos	ed well? Yes⊠No⊏]
Maca	A Fallane	<u> </u>	6/8/2006	
Signature	J		Date	
Title: Environm	nental/Regulatory A	nalyst		
Representing:	Bill Barrett Corpo	oration		-OFWED
	· ——		RF	ECEIVED
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			-	· - ·

DIV. OF OIL, GAS & MINING

FORM 9

CONFIDENTIAL

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER ML48385			
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill r drill horizontal l	new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to aterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: Prickly Pear Unit-UTU-079487	
1. TYPE OF WELL OIL WELL	GAS WELL OTHER	8. WELL NAME and NUMBER: Prickly Pear Unit State 6-2-13-15	
2. NAME OF OPERATOR;		9. API NUMBER:	
BILL BARRETT CORPOR 3. ADDRESS OF OPERATOR:	RATION PHONE NUMBER:	4300731020 10. FIELD AND POOL, OR WLDCAT:	
1099 18th Street, Suite 2300 CIT		Undesignated/Wasatch-Mesaverd	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 619' F	SL, 2173' FWL	соинту: Carbon	
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: SESW 2 13S 15E	STATE: UTAH	
11. CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION	
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL	
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON	
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR	
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL	
Date of work completion:	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF	
	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ OTHER: Permit Extension	
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION		
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volum	nes, etc.	
This sundry is being subn	nitted to request an extension on the APD which expires on 6/19/0	07.	
	Approved by the Utah Division of		
	Utah Division of		
	Oil, Gas and Mining		
	Date: 65-21 197		
	Date. Something		
	By: Dellettle		
		THE PROPERTY OF THE PROPERTY O	
	\mathcal{M}		
		hands.	
NAME (PLEASE PRINT) Tracey Fa	allang _{TITLE} Environmental/R	Regulatory Analyst	
Mari	1 Falls - 5/17/2007		
SIGNATURE	DATE 3/1/2007		

(This space for State use only)

RECEIVED MAY 1 8 2007



Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-007-31020 Well Name: Prickly Pear Unit State 6-2-13-15 Location: SE/4 SW/4 Sec. 2-T13S-R15E Company Permit Issued to: Bill Barrett Corporation Date Original Permit Issued: 5/9/2005			
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.			
Following is a checklist of some items related to the application, which should be verified.			
f located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑			
Have any wells been drilled in the vicinity of the proposed well which would affect he spacing or siting requirements for this location? Yes ☐ No ☑			
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑			
Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes ☐ No ☑			
Has the approved source of water for drilling changed? Yes□No☑			
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑			
s bonding still in place, which covers this proposed well? Yes⊠No□			
Signature 5/17/2007 Date			
Fitle: Environmental/Regulatory Analyst			
Representing: Bill Barrett Corporation RECEIVED			

MAY 1 8 2007



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 23, 2008

Tracey Fallang
Bill Barrett Corporation

1099 18th Street, Suite 2300 Denver, Colorado 80202 43 007 31020 PPU St. 6-2-13-15 13S 15E 2

Re: APDs Rescinded at the request of Bill Barrett Corporation

Dear Ms. Fallang:

Enclosed find the list of APDs that you requested to be rescinded to Bill Barrett Corporation. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective May 19, 2008.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

Bureau of Land Management, Price

SITLA, Ed Bonner



Page 2 May 23, 2008 Subject:

> Prickly Pear Unit Federal 16-34 Prickly Pear Unit State 8-2-13-15 Prickly Pear Unit State 6-2-13-15 Peters Point Unit Federal 14-34-12-16



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Price Field Office 125 South 600 West Price, Utah 84501 (435) 636-3600 Fax: (435) 636-3657 http://www.blm.gov/utah/price/



IN REPLY REFER TO: 3160 UTU-73671 UTSL-071595

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JUN 0 5 2008

DIV. OF OIL, GAS & MINING

May 30, 2008

Tracey Fallang Bill Barrett Corporation 1099 18th Street Denver, Colorado 80202

Re: Well No(s).

Prickly Pear Unit Federal 16-34 SESE, Sec. 34, T12S, R15E Lease No. UTU-73671 UTU-73671 Peters Point Unit Federal 14-34-12-16 SESW, Sec. 34 T12S Price Lease No. UTSL-071595

43.60 Prickly Pear Unit State 8-2-13-15
SESE, Sec. 2, T138 P157

Prickly Pear Unit State 6-2-13-15 SESW, Sec. 2, T13S, R15E State Lease

Dear Mrs. Fallang:

The Applications for Permit to Drill the above-referenced Federal wells, were approved on August 23, 2004 and the State wells were accepted for unit purposes on February 17 and 22, 2005. Therefore, as per the request of Bill Barrett Corporation, approval to drill these wells are hereby rescinded, effective May 19, 2008.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells are to be A schedule for this rehabilitation must be submitted to this office. rehabilitated. cooperation in this matter is appreciated.

If you have any questions in this matter, please contact me at phone number (435) 636-3633.

Sincerely,

Michael Stiewig

Associate Field Manager

v cc:

UDOGM